Pavario and aim Shi The Mining Journ

AND COMMERCIAL GAZETTE

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LONDON: SATURDAY, DECEMBER 2, 1843.

PRICE 6D.

AND CO.'S PATENT IMPROVED WIRE MESSRS. NEWALL ROPES.

In laying the following testimonials before the public, it may not be considered uninteresting to give a short sketch of the origin of the important invention to which they refer. It is difficult to a ies of using metallic wires instead of years of fibrous materials for making ropes. We have, however, been informed by the late Sir John Robison, that he saw wire cardage used in the machinery of the opera at Paris, in 1822; and, in the report on Harris's Lightning Conductor, laid before the Lords Commissioners of the Admiralty in 1839, it is stated that wire ropes were used as lightning conductors in the French navy-a piece of wire re obtained from the frigute Colypso, when at Chatham, in 1832, having been produced for the inspection of the committee. In the report, page 20, it is stated to consist of three strands of eight wires each; and in the sketch, plate 11, it is stated to consist of two strands of twelve wires each. Experiments on the subject of their application, as ropes for mines, were made at Preyberg, in Saxony, in the year 1827, but it was not till 1834, that they were made confully used in the mines of the Harts Mountains. The suggestion of the plan, then adopted, is due to M. Albert, director in chief of the Hanoverian mines. In the course of a very short time wire ropes completely supers the home ropes and chains used in those mines; they were generally made of four strands, composed of four wires each, "laid" together, until the plan patented by Mossra. Newall and Co. became known, when it was adopted. In France a great many suspension bridges have been made during the last twenty years—the suspension cables being formed of parallel straight wires, bound together by wires lapsed round from, descriptions of which were published in this country in 1825, and several are described in Drewry On Suspension-Bridges, published in 1832; while in this country a patent was taken out by a Mr. Andrew Smith for applying a similar combination of wires to standing rigging. Wires, combined in this way, however, possess no advantage over a bar of iron, being nearly as inflexible, and it having been found impossible to strain each wire equally. In 1836 Mr. Smith took out two other ts; one for making flat-bands, or straps, by twisting wires together into strands, and combining them by informerating strings or span yern; the other for improvements in standing rigging, by winding wires into links making chains! In 1837, a description of the method of making wire ropes, employed at Clausthal, in Hanover, was published in various scientific works in this country, as described by M. Albert, the inventor, in the Archiv. for Mineralogic, Ac., Berlin, 1835; and a paper, on the same subject, was read by Count Brenner at the meeting of the British Association, bold at Newcastle in 1838. In 1839, Mr. Andrew Smith took out a patent for impr in the manufacture of ropes, which were to be made in a similar manner to common bemp ropes, by ficisting wires together into strands and ropes. Ropes, on this plan, were for some time used on the Blackwall Railway, but have now been superscaled by those patented by Messes. R. S. Newall and Co. in 1840 and 1843, which are made by machinery, invented for the purpose, and by which a motion is given to each wire, so as to prevent its being twisted. while the wires, generally six in number, are laid symmetrically round a core, forming the strand; and the strands (also generally six) round a core in forming the rope, so that the wires are all of the same length, and are subjected to an equal strain. By this means the greatest possible strength is obtained from the material employed. Messrs. R. S. Newall and Co. have great pleasure in laying the following testimonials before the public, the superiority of their rope over all others being now fully established.—Tram Wire Rope Works, November, 1843.

The following are extracts from TESTIMONIALS in the possession of Mosses. R. S. Newall and Co. ;-

"I have had your wire ropes in use at my coal and lime works for more than two years and a half. The work do those ropes has been extremely satisfactory to me, and far outdoes the wear of any hompen ropes. I stated in a former letter midered these wire ropes a national benefit; my opinion has been fully borne out by the experience I have had of

" I have much pleasure in bearing testimony to the superiority of your wire rape, as compared with others we have had in use on this railway. There are now eleven miles of your rope on the line out of thirteen, some of which has been in constant

" His attention was soon called to wire rope, of which there was a variety of kinds; he reco ended the directors to mak trial of the whole of them. The result was, the selection of an improved seize rope, which had not broken once in four nomths, and only once in aix mouths. The objectionable were rope would soon be removed from the line. He believed the principle on which if was made was objectionable."......

Nuts. - The improved wire rope referred to was made by Mesers. Newall, and has been in constant use since August, 1841. "The six miles of your patent wire rope at work on this rallway are giving entire satisfaction. The endless rope on Red. beagh incline (1000 yards long) works perfectly.".....

Wire ropes have been introduced on this line; it was thought they would be at least 20 per cent, cheaper, but the fact is NICHOLAS WOOD, C.E. 1 they are likely to be 50 per cent. cheaper."..........

"I consider your wire ropes to be of a very superior description. We have forty miles of rope at work, thirty-seven of which are wire. The first we had from you has been at work two years—three times the duration of homp ropes; it is still in use, and apparently very good."......

"Your wire rope on the Oldham incline has been at work a year and a half. I have great pleasure in stating the satisfaction it has given, by the very slight appearance of wear which has so yet taken place. I may mention, at the same time, the excellent performance of some of your flat were rope, employed on a very trying duty at the carriage hoist at the Manchester station. Their great superiority over home has been shown here in a very striking u

"The wire ropes we had from you have been at work since February, 1842, and are fully answering at the situations in which they are applied.".......

" I beg again to express my outire satisfaction with your wire ropes at work on the inclined plants of the Shrawabury Canal they have been at work two years and a quarter, and I am confident will last two years more. Homp ropes never lasted us ore than two years; their cost was twice as much as your wire rope, besides being four fines the weight."

" In reply to your favour of 2d September, I beg to inform you, that the whole of the wire repr used on board the " Gazar Bacrate " is of your manufacture, and that I decided on adopting it after testing its strength against other specie "It gives use great pleasure to acknowledge the excellence of your wire ropes. They were placed across a cutting eighty field

deep, sixty-five yards between the points of suspension. Each rope was frequently francesed with a load of three tons, and, when the work was completed, the ropes appeared not the least worse of wear. " I have applied your wire rope for standing rigging for ships ; in my opinion, it is as superior to home rope as it is to every mend it." other modification of wire merefacture which I have seen. I can with confidence recom

"Two of your flat were rupes here been in regular daily use in this colliery for four months. There are no indicate wair on them; their weight, in proportion to being, being as 21 cwt. to 47 cwt., the power of drawing has been increased by shout thirty tone a day."

"Your flat wire repr has been in countant use for eight mouths. I ement perceive that it is in any man and it appears as perfect so the day it was first need." " Having had several of your flat mire rapes, I hear willing existence of their metalacia, economy, and safety, as com-

"I have had your copin at work for seventeen smooths; the whole are in excellent condition; they are far separate to have

copes in every respect. I can confidently recommend years as experier to any I have seen." "Two of your wire reper here been at work on our element incline for thirteen months; they are now in excellent order. I can with conditioner recommend your wire ropes—they have given as every actiofaction."

" I have had your wire rope at work for twoive countle, and like it very much. As to docalellity, compared with heavy, the report is greatly in favour of your cope."

"Your wire cope has been in constant one for twelve months, without the local appearance of defect or failure in any part, consider it work seperior to being repr, being more durable, and only about two thirds the cises, breides being much lighter." "We have had your wire copes at work in our aponet, or formers pile, for thirtons months; it will last some time longer,-

" I have had your wire repen at work for nightown merella; they are now, to all appearance, as good as whom first put up,

" I was not yet able to speak as to the comparative economy of your wire copes, so they are still in sec. I can, however quals decidedly so to their experiently for inclined planes, expectably self-acting come, as their weight being so much less than

The surrage time a homogen cope has wors in alrest twelve manche. Fiver ever cape has now from all evert accions manche, THOMAN DUNCES and alone to symptom of war ."

" It gives me great pleasure to testify to the rades of year wire ropes. We have had these in too for easely three power."... CRABLES BIXXES

" In every instance where I have tried your wire repea as inclined places they have present greatly require to have repea." JOHN WOODINGUAS:

"We worked one of your regen constantly, might and day, for fourteen months; the rope did its work admirably well," ... JOSEPH VIVIAN :

" I have used your ropes for the last two posses. I consider there is a moving of county one-half, even on the present easy low | BENJAMEN BELL |

GEORGE STEPHENSON. C.E.: Tapton House, CHESTERFIELD.

A. WIGHTMAN, Superintendent : LONDON AND BLACKWALL RAILWAY.

R. STEPHENSON, C.E. WESTMINSTER. (Extract from speech at Shark wal Salivery deseting, 198h February, 198h - See Salivery Times, March &

J. COLTHURST, Manager :

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J. BLENKINSOPP, Engineer:

DURBAM AND SUNDEBLAND RAILWAY.

T. L. Goocn, Engineer:

MANCHESTER AND LEEDS RAILWAY.

THOMAS E. HARRISON, Engineer: PONTOP AND SOUTH SHIREDS RAIL WAY.

JOHN BERCH, Engineer:

SHREWSBURY CANAL.

T. R. GUPPY, C.E. 1

GREAT WESTERN STEAM-SHIP WORKS BRISTOL.

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M. LIDDELL, Coal Viewer:

GOSPORTH COLLIERY, NEWCASTLE.

HETTON COLLIERY, SUNDERLAND.

PETER BROWN, Manager: EDMUND GIRRON: (Mine agent to the State of Sunch

JOHN THORMAN!

JAMES GAIR, Engineers JAMES THOMPSON, C.E.:

STRPHEN EDDY: (Manager for the Stoke of Store

J. & J. CHABLESWORTH:

J. W. BROWNE

BENJAMIN BIRAN!

Nouve ROSESAN. SUMMERLER ISON-WORKS.

GLASSOW.

NEWSARTLE.

TRAM WIRE WORES, GATESHEAD,

ENINSULAR AND ORIENTAL OTEAM NAVIGATION COMPANY.
The third manner general meeting of the Peakenhermod Oriental States Nameles Company was fitted on Wednesday, the Spain ultime, at their offices in Mary. Azr., Sir Joun Campuelle, K.C.H., in the chair.
Mr. Allan (the secondary) at the desire of the chairmon, read the following

DA14

interpretation of a continue material and the continue of the Capital and the

of personaled that the consider and account out will not be lost sight of. thing this secretion, lies proprietary are sen-or John Campbell, E.C. H., and James Har of passingers in crossing premat to the motion give day to alset two distort into Complete, R.C. II., and James Harriny, but the complete the control of the c

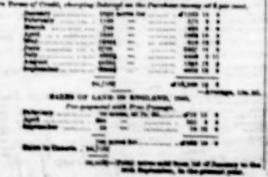
The

BRITISH AMERICAN LAND COMPANY.

A half-practy meeting of this componention was held at the office of the company, Burgo, yard, Blocklowkowy, on Thursday, the little why, at which the other was taken by C. R. Bonntone, Roy, (the governor of the componential).

The affectionment convening the meeting hearing been read, the Cutarian was said, the meeting had been confused to consequence of a premise made by the discussor at the last general meeting, and, in fulfilment of their product, they had drawn up a request, which had deen cost to all the propolatory.—Mr. Cumarus (deputy governor) then cond the following

e terrord, and the directors are mount, but by the compensate patents steel have their section and com-



being corried, it could not easily be adopted.—A Pong discussion then consider on the subject, in which Sir John Kirkinnd, Mr. Barty, and within, M. P., Mr. Anderton, Mr. Christie, Mr. Sharty proposed a retailution that every hadder of five chares about he permitted to not an an agent for disposing of the company's hadds, which, however, was not seconded; and, after an explanation from the governor, deputy, governor, and Mr. Gilbergie (a director), the question was agreed to be light to the disposition of the propagets of the company. He was corry he could not speak more favore, abity, and, in doing so, he should only speak generally on the subject. Their prospects were bettered, in the first instance, by parting with their had to the Government, by which they had got rid of an incurbed of many property, and if they corrected the least, by that measure, relieved from any further calls. There was not any chance of any present or future payment, unless they were subjected to such a tag, which he haped was now, from the origotiaces of its nature, quite about a tag, which he haped was now, from the origotiaces of its nature, quite about a tag, which he haped was now, from the origotiaces of its nature, quite about a tag, which he haped was now, from the origotiaces of its nature, quite about a tag, which he haped was now, we had got an interest at he impressment of the lands, by being put in possession, and they had the cody security they could alway the only method that necessaries which avaraged about this country. This was the only method that necessaries which somether the subject of the property of the empany, and reader their man lands was paid up, with interest at the property of the company, and reader their man lands tradity to estitive from this country. This was the only method that occurred, the country of the countr

bend gave of spinism that anomator is samply medicated, at the spinisms, and they not appealed the confidence to the submitted southern and the spinisms of the confidence to the submitted southern and the spinisms of the confidence to the spinisms of the spinisms

the Chairman, Mr. Bathe, Mr. Brigley, Mr. Jockson, Mr. Bogg, Captain Churcher, and Mr. Betts, took part, a vote of thanks was passed to the chairman, when the meeting afferenced.

The Collings any views Exployed at several of the large works in this neighbour-bond have appeared before the public, containing a list of the present prices, paid by the respective masters, for getting coals, and also a list of the advanced power which the policy containing a list of the advanced prices which the colliers are seeking to obtain. These lists are lengthy, and define the prices seconding to the quality of the coals; in some instances the advances which the colliers require is double the present amount, both for getting and cutting, which is considered exterbilized. The masters and the public seem willing to give the colliers, fair remanderation for their labour, but any excelution demands seem likely to have a bad effect. The Earl of Balcarras has odvanced the wages of his colliers, employed in getting King coal, to 18a, per secure tabs, of twenty to the serve, which commenced on Monday last. The price paid for getting, before the recent advance, was only like per secure, of twenty-two tolks to the secure. During the repeated depressions the wages of the colliers had been reduced to the latter mark, from 18a, per secure; and the wages which they are new asking for are calculated to range between 20s, and 24s. The example set by the Earl of Balcarras is likely to be followed by other meature, except those who have large storks on hand, and who may, probable, delay, as a farther advance in the poice of coals is shortly expected to take places.—Liveryand Mercury.

Leabalet or Disarvas—Evance Places, as Thoroday last, or the point of the places and the point of the places of the company, of which the definition was director.—Mr. Cockborn and Mr. Leeby conducted the place of parties of the section for a fire of the definition of the company was peripeted by Mr. Addison and Captain Moureman a perison of the company, of which t

Lexicative or Sinchtshianess—Andrewsvan And Communication Scatter - In the Court of Easternam, Dublin, application was made in the secon, Hodge e. Trail, on behalf of the detendant, to not saids a serie figure which had messed at plaintiff a said against like and has other Adaptions, on the present the the secon was not in the registry of the time when Judyment was plaintiff of the secon that had show here inserted, and from its being heart possibility are not little or the plaintiff of the second show that the best word little calculation of and inserted liability, and against either of whom an action would be, and be constructed liability, and against either of whom an action would be all which had been because it is not the seal, and the court ordered at the plaintiff constructed that all which had been because it of the plaintiff constructed the application, but provide definition to plaintiff the court ordered at the application, but provide definition to plaintiff the court ordered the application, but provide definition of the seal of the

PARIS AND LYONS RAILWAY.

PARIS AND LYONS RAILWAY.

In the advertising columns of our less number, an advertisement appeared, accomplished the dissolution of the old Paris and Lyons Railway Company, and the investion of immediately forming a new our. The prospectus is now i send, and among the slaten directors at present appointed, are names of guillanean reaking high as the monetary and consumerical interests in the two continue. The disappointment experienced last year by the Kuglish directors and shareholders in not coordinating the company was, we condectual, owing to the extre inability of M. Dehmaners to form a French against, The only difficulty now experienced by the new company, bended by M. Charles Lefflite, is to sality, in any degree, the pressing demands made upon them for shares. The French Guerrament having determined on the custometration of a rediumy from Paris to Lyons, they will, conformably with the law of the 11th of Jasos, 1842, purchase the land, forms the restrieves, tennesh, bridges, stations, &c., at its own expense and risk. This lines will then be leased to the company, which will have to builted the road, supply and lay down the tails, and pary, which will have to builted the road, supply and lay down the tails, and pary, which will have to builted the road and the conditions of working, and the rates during the term of the great. This peculiar feature in the relivency appeculation in France, gives the opportunity to individuals of cologing the advantages of railway investment, without the risk of purchasing land, or the extraordicary additional calls from wast cross to the cottonators, as has ten frequently happened in linguaged; the only important point for the subscribers in this case, is the consideration, whether the disrectors can obtain a inuse on a set, terms, as the anticipation amount of traffic will reader profitable. The assume of Lefflitte, Moss, Chaptia, and others, is the direct which have been gueralise consolid with the direct medians of transitions point for the profitable. The same of Leff

THE SOUTHAMPTON EAST INDIA AND CHINA COMMERCIAL AGENCY COMPANY.

THE SOUTHAMPTON EAST INDIA AND CHINA

THE SOUTHAMPTON EAST INDIA AND CHINA

COMMERCIAL AGENCY COMPANY.

Is another column with the found his prospectus issued by the provicional committee of a new company, to be formed order the above title, and which, if carried out with that well regulated enterprise which the importance of the undertaking newitz, may held fair to become one of the first commercial establishments in the world. Extention is has for years been out trude with the Indian ferritories, contribing 100,000,000 of inhabitionis, many circumstances have combined to prevent the final development of commercial interests on allowing that trade which has been effected to be half as productive as it otherwise which has been effected to be half as productive as it otherwise which has been effected to be half as productive as it otherwise which have been the great difficulties for any regular conveyances, have presented the greatest difficulties for one considerably leasured, and will shoully be entirely overcome. The Innue is now open in the enterprise of Birtian, offering a like of country of 1500 miles in extent whereon to rear her enterprise in the control of the Production of the Production of the Innue in what extent it is intelligence of Birtians, othering a like of country of 1500 miles in extent whereon to rear her enterprise in China will effect our commercial policy, host the menty-opened and increasing the traces of the Product, as well as control and northern limits. It were impossible to from an idea as to what extent it is intelligence of the production of the production and company must become highly prosperous, and of immense importance. With a opposition of the country of the product of the product

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SIR WILLIAM BURNETT'S PATENT FOR PRESERVING
TIMBER, CANVAS, &c.

The extended use to which this process is being adopted in the preparation of wood, canvas, &c., pacticularly the latter, is one incontratible proof of the extination in which it is brid. Having now been in continual operation upon arcis of sine years, apparentities have been offered of testing it in every possible way, and so astisfactory have they been in every case, that testimonicle are now pouring in from all quarters, and the use of the preparation is dealy increasing. The Board of Admiralty, who, is the first instance, would not patronise it, until they had had some years' proof of its efficiency, are now most extensively adopting it, both in the preparation of timber and canvae, and large orders are continually being received from the gaverid dockyards, &c., which will give the public some idea of the value set upon the invention by the scientific efficers of Government. It is also being largely used on hoard werehantmen and company's stransers, and in every case with the most complete success. The following testimonated appeal volumes in favour of its merits:

I hereby certify, that i have had a swarfined \$1.0 m years of flarentialed carvan in use, an average and add, on based of my object, for all quarters of the globe othe greater part of which have even in wear more than three years, it total and Ching, and those, on the content wears more than three years, it total and ching, and, companied by the greater part of which have even in wears more than the propose, it and one it more extension even in even of the greater part of which have even in the greater than the propose, it is not one to more extension even in even of the greater part of the collar one beautiful to proceed the one flow of the collar one beautiful to a permit when the propose, it is not one of more extension treated to the collar one of the collars.

Lopedon, Nov. 19.

I have much pleasure in bearing technique to the state of the solis on he inval Main ditent Parket Company's skip Press, under my command or which has been assest constantly beat for somety two years, and, such give agreed in the vasilete vicinitionis on hear, we, and cool, parkings to our value, that the sparse suit have been on bear d'the ship the same period of it consists between the suit of the ship the same period of it consists the two cases of the ship the same period of its consist between the same period of its ship to same period of its ship the same period of its ship to same period of its ship the same period of its ship to shi

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Basses, E. D., covere of this abigs, to export upon the west and dischability cannon of which it had a westings and one top sead and it were stooding a sequence with hir W. Barcast's achieve—I can more really seed fairly as excusing tibers five, years I have non-manageded a ship I never now between introduced to trink it cover showed the board symptoms of military. The were almost constantly in such and a special symptoms of military in the seament, the thoromorphic realigns from an 'to th', and at Citam witners, the horomorphic from the 'to the 'to the animals of the seament, the thoromorphic reading at which them the best flows as spread and received, in heap the seament and rain off, and, when blowings believed the seament of age agont them, and, when homes to be again spread, they never milder, and, haring been now upon the desired of the very some in allows of the cover of the end of the cover of the seament of the cover of the search
MOON'S IMPROVED CHIMNEYS.

MOON'S IMPROVED CHIMNEYS.

With the vest lacrease is building in all the subspice of the metropolic which has taken place during the past theirty years, and the receiping chimneys by love laring been prohibited, numerous plans have been at various times brought forward for public patturesays, having for their object the abolition of the larger recentagains flow, being ill adapted for elements, and substituting perfectly cylindrical chancels for the amobit, as all reling a better draught, and being easily everyt by the machine. Moveral of these plans, though apparently good, were found, in practice, to be were than nacleon; the cylindrical trun tubing, introduced some years alone, was seen found, from its alterwate expansion and contraction from changes of temperature, as accoming to affect the walk, that it could not with nature be depended on; glound earther takes, from the difficulty of building in with brokework, were found to appendixe, and difficulty of building in with brokework, were found to appendixe, and difficulty of building in with brokework, were found to appendixe, and difficulty of building in with brokework, were found to appendixe, and difficulty of building in with brokework, were found to appendixe, and difficulty of building in with brokework, were found to appendix on the chimney here, and forming the discretions, with capabilities for louding into the which the absence of a well-defined plan for gythering from the chimney here, and forming the discretions, with capabilities for louding into the outlet at the top of the house, is constructed of his patent believe, for the duals, they have generally been but little brought into war. In the plan patented by Mr. Mono, the whole chimney, from the baseing bar to the outlet at the top of the house, which has not been being a farming up march to the size of the flow of the bound flan; for energing up the chimney, bridge are used, forwing information plans of the bound flan; for energing up the chimney, bridge are used, for many the many that the brink wall—and three will be found of sample size under all circum estimates. The brinks are all formed of the best slay, well borne, require we purjetting, gives require to discount to the cood, and require to be except unity at resonance to an experience of the sample and another to periode. By this plan of building chimneys, the walls are more accurat than by the restangular mechanic, a perfect designed to strained and profiles for an expense, and the expense of the profiles former town of the brinche is minde my to the another member to do not find the constant region of the brinche is minde my to the another member to do not find the constant region of the brinche or minde my to the constant region of the brinches and require payinting. Liminess have been extendedly granted for their adoption in all parts of the kingdom.

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TOMETHON of CHAL, CHEMICALLY & PRACTICALLY \$10 CH & \$1,000 WE WITH LONG BOOK WITHOUT & WARD.

THE "LONDON SPICE AND SHARE LIST" OFFICE, SAMPLED NO D. O. PUNCH CASE, CONTROL. CONTROL OF SHARE AND SHARE LIST. OF SHARE MINISTRANCE OF SHARE AND
NEW AGRICULTURAL PAPER.

COLD BLAST ANTHRACITE PIG-IRON.-Mr. D. Mcshat, the number of the constanted Treation on the "Maconfacture of Jenn as of," who has made a section of most clasicants experiments on this c structure, in constanting, remarks: -" From those, and the former stemparative wayer ode. It is absonciately critical, that the july area new making, with end hasel as thereins, at the Valatyters Iron-Works greatly currents to strength, in defactions, and the Valatyters Iron-Works greatly currents to strength, in defactions.

NORTHAMPTON AND PETERBOROUGH RAILWAY.

CONTRACT FOR WORKS. The directors of the London and Richingham
Rollway Company with MERF of the Resion Radion, I profine, on Thorsay, the
11th of Jackmary 1907. A Twenter of Circuit, in RECEIVE IT IN SERVING
WIEUCTION of the cold RAILWAY, in the following Circuits as:

From the junction with the Lineson and Reminghant States of Microsoft, to the Willington and the Lineson and Reminghant Railway, of Rileworth, to the Willington and heat Righton Furgers Read, next the town of Wellington States and Line Junio.

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CONFERCT. Mr. III.

From the Counter and Priorbosomogh floud to the terminus of Poterhorough, being a dispasse of also of 11 miles and 120 parish.

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CASTERN COUNTIES RAILWAY, .-- Notice is beenly given, that, we and after MONDAY, the 6th Indemirer next, and antis factors sources, the following ALFEGATIONS will take please in RUNNING of the TRAINS:—
The 2 part 4 p.m. Train from Leaden, will not proceed beyond freshwood.
This 2 part 4 p.m. Train from Leaden, will not proceed beyond freshwood.
This 3 min, part 4 s.m. by Frain, will be decombined by mil Chelmeland.
The 3 min, part 4 s.m. by Frain, will be decombined from Coefficient, and will start from Beendowd at 2 min. In 2.
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PARIS AND LYONS RAILWAY COMPANY.—The chare-

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AND LYONS RAILWAY meste (#2.5mm.nen), to bee ft. (#.4) Deposit in #1 | #2| per sincre, nexectnes.

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More. Charles Leffite, Paris.

Famous H. Altmond, Eng. Lt. Unput beymover should, Portman. equate, Landon. Line in Plations Shows, Pate of Plations, Paris.

John More. Eng. Livergood.

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Vinancha Shows, Monthre de la Chambira des Deputés, Paris.

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William Chaplin, Eng. Admit des Managerties Borgain, Paris.

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Mont. Abstance Barton, Eng., Admit des Mensegreties Generales, Paris.

Charles Demont. Eng., Mog. William direct, Lembon.

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Monthe Demont. Eng., M. P., Lembon.

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2. No. Condemnia, Req., Storm buildings, Lidenda's Lan.

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SOUTHAMPTON EAST INDIA AND CHINA COMMERCIAL AUGUST COMPANY.

Counted of 101,000, to food shores, of \$50 tools. - Deposed \$61 per chase.

Captain, William Ward, R.N. Assures Spream, Eng. Harry Ston-Men. Son. Sanctal Chap In. Eng. Anatomic Ston. Anthropology Street, Con. Anthro Ston. Sin. Actas Physicson, Eng. n. extract. Arthress, Eng. William Hands forcers, Eng. Grange Sale-Mainer, Eng. Grange Sale-Mainer, Eng. Fire and Landscow, Eng. Arts Salesed Andrews, Eng. Res. Res. Res. Res. Res. Res. 0 0004.
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WEST BROMWICH, Staffordshire, —SHEEP WASH-LANE FUDSIGN, Great Bridge.—TO BE SOLD, BY AUCTION, by BROOKE R. SHITH, on Monday, the Fourth day of December, 164, in committeens of the party declining to carry on the tasks, all the FOURDRY STOCK, consisting of itself from wanaged from infer, butter, aming weights, pig from, file, and smithy heart, who POUR STEAM-ENGINES, one of its horse power, and the others should a better

BON AND WIRE WORKS, near Wrexham, North Wales, Benighebre.—20 6E-LEF with immediate prosession, all those well known resumeive and valuable FORGE AND WIRE MILES, called THE GWERSTLLY ROWS NOW WIRE OWESS—monoising of TWO excellent and prometic STEAN-ENGINES, with blowlerg apparatus, and other machinery requisite for the purpose of working rolls, factors, believe frees, and requiling eight probling and bending increases, from large and powerful water whereigh glowering historically, backwarze for drawing cost forge, but, and other from, severing barrein, and as extension associated of Stocks, objected for making who through and its branchous together with all increasing machinery for making owner, pass, and others, therefore properties of Stocks, objected with all necessary machinery for making owner, pass, and others, there for cropping laws, bride, weighboug-mondine, and various offers machinery, all complete and in working order.—The EULI DENNE comprise from watchiners, incoming recome, passessing brouges, ordered wardenance, and various, associating brouges, ordered according drows, of the machinery and complete sentences.

passessing browns, one-breits war-browns, and variables, rooms, brooting rooms, partiers and training trooms, onitive alongs, office, and other solitable and emmanders roomage. There are alon TWENSTY CUTTAGES, excepted by werkenes belonging to the said works, who are much situated thereto, and are mechanism of the test description. COAL AND PRO-ISON, of a superior quality, CAN RE GETAINED IN THE TEMBERS VIEW REGISSOURSHOOD.

The works are despitablely setsated in the Valo of Gwersjit, three miles from Westham, in a highly respectable neighborhead, and a few healthy constity; the decimal of the test of the said of the said of the fell of water therefore in a few along the works are despitable of the said o

YLAM IRON-WORKS.—TO BE LET, and entered upon inconstitute, the IRON-WORKS, lately occupied by Messer. Thomsone, at Wylam, near Nawysette spen. Tyon, consisting of an excellent BLAST-FURNACE, monot assistantially build, 6th crisis overan and workmen's houses, and other attached and detacted heidelings, fire, belonging to the establishment,—The works are silicated come to the River Tyon, and the proprietor has a current going endicately, penducting could of the very best description, for the measurfacture of loss in monotating adjusted on the works. Limenstone of the heat quality can also be obtained at a very messerade price, and investigate and other materials requisite for the measurfacturing of from of the lead quality, can also be included to a very messerade price, and investigate he times be said down as the units, at a very low fact of charge.—The works now by the investigate to be in application to Mr. Harle, view or, at Wylam Collisery; and technic particulars may be known by registing to Messers, Doucial, Subship, and Armsittering, indication, Newcascia, spec Type; to Messers, Messers and Collisery, and Collisery, Richards to the works.

Newcastle, Rowember, 1641.

PROWNHILLS COLLIERY, Staffordshire.—TO BE LET, ON ROYALTY, for a term of years, commencing Lowe, 19th September, 1944, the BROWNHILLS COLLIERY, in the part-is of Norton moder Connect, may be feel service. The TREAST will be REQUIRED to FURCHANE the ENGINES, ROPER, GIFE, and OFHER IMPLEMENTS used to the colliery learned the large yamping-nagine, at a valuation. The above colliery has been successfully carried on by the present leaves, Mr. Willow Revoluty, for thirty years, and his term explere at Mighesimas, 1811. The city of Lichthild, from which it is distant to noise, to chief sequenced in the colliery-related for homorhoid purposers. In the hands of a person of capital and enterprise the nearth of pland and water carriege may be greatly extended.

Further information may be obtained from Richard Green, Eug., Lichthild, or from Musers Oddie and Leonicy, solicitiers, 18, Carry-street, London.

TO BE LET.—The VALUABLE SEAMS OF COAL lying under the estates of Robert ital Naylor and Julia Giles, Eug., at Rubiners, in the country of Birthura, Sefaat along a mile and a half from Trividen Coffery, where coal, one being wrought in the direction of Fishiners, recommends a Extracter prior in the markets. The ENTATE CONTAINS NEARLY MX HUNDERD ACRES. A bose hord has been pist done, and I THERE valuables SEAW OF COAL met with For. Settlem particulars, apply to Myoter. Browwell and Hargyraven, collectors, Durbons, or to Mr. John Harrison, Newbottle Coffery, near Houghton-In-Spring, where a plan of the relate, and a service of the seam order with, may be inequally

CAPITAL, EXTENSIVE, AND VALUABLE SLATE APITAL. EAIBANSIVE, AND VALUABLE SLATE.

QUARRY with immension possessions, with TO BLLER, all that consists, extensive, and valuable QUARRY OF SLATES, of the bost quality, now spect and in work, called RHIWHACH. Imported with the COTTAGES and OTHER GOTTERS attached the rate, situate to the partial of Presentation, in the county of Caracterian. The above quarry has been weeked for about twenty party, and is elizable within two makes early of the Freeding Sallway, along which is conversed the cloth from two makes only of the Freeding Sallway, along which is conversed the cloth from two makes only of the Freedings Sallway, along which is conversed the cloth from two makes only of the Freedings Sallway, along which is conversed the cloth from the county of the rade tuberay. Itse size clother about forestern miles from the above quarry to the rade tuberay. Itse size clother about forestern miles from Vertice Quary.

Itse size of the results of the product of the county is capable of being cates, circly and predicably worked by an experienced and sported explicitle, who will find the above well worked of his notice. There is the rade of critical particulars apply if hy herior, post-part of his notice. Trems therein.— For further particulars apply if hy herior, post-part of his notice. Trems therein.—

GLAMORGANSHIRE. TO BE LET, and entered upon at LAMORGANSHIRE.—TO BE LET, and entered upon at Michaelman, 1944, UPPER PORENT COPPER, BOLLING, and GREP 1415.8, which will be a considered from the filters Town. The above valuable mills are not in the increasains of Browns. Evidence and store, and evidence shoe port of Swagnows, and within a short disfusion strong the notion of Browns. The continues Chook, recognition the secures are marked as a construction of the encurrency machinery for ruding couper. The extraorded power is first brown, and any quality of incidence of the continues of a couper manufacture. The stituation, is must criginals for the exclusion of or coupers, the stituation, is must criginals for the exclusion of a couper manufacture. The fortune being a paradoant samply of change cook, and an exer transit by the causal to the post of Swagnows. For reaches spirite militers apply to lkc. C. B. Manufield, collector; or to Mr. W. P. Brund, civil conjuncts, 50 assets.

BRASS AND COPPER TUBING.—SAMUEL WALKER, just, MINORIES, Pirmingham, bugs to inform Engineers, Lamonostive and Martine Environments, Con Companiers, and Ersenbranders, in general, that he has COMMENCED MANUELY ACTURING METILIZY TURES. Exiting reagard as experimented workmann, who thoroughly underskands the laved losserated medical discount of the control of the films of the control of the contr

ST. JOHN DEL REY MINING COMPANY, --- Notice is business process, their the TRIAD RALF-YEARLY DIVIDEND, being PRIVATE WILLIAM TO STANKE OF SHARE IN THE CONTROL OF THE PRIVATE OF THE PRIVA GELL D. E. EURAN, Succession 5, Fotoschoose yard, Lorkbury, Ster. 21.

TINCROFT MINING COMPANY.—Notice is hereby given, there a of Vision's being the dealth of YES SHILLLINGS per chare has been been Label to the directions of this emigacy, and that the same will become PAY-ARLE in the electronises on the lefts of floorestic seek, and tall-pring dark, at 44, Floorists space, London, between the boses of Electric and One of thick.

PRELEIGH CONSOLIDATED MINING COMPANY—
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suit, we the pith of the call of the statement of the subtinements of the
suit. With he ASOLICIAN FORESTEEN.

By receive of the heart
STORIGATION NEUROLININ, San.

REMEDY FOR BOILER SCALE AND DEPOSIT

DENINGULAR AND CRIENTAL STEAM NAVSGATION.

CONTRACT—as the Teach games three oil Section of the company, but the contract of t

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NUTICES TO CORRESPONDENTS.

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DURBAN AND SUNDRELAND RAILWAY.—As a correspondence is going on betwee the solicitors of this com, any and correlves, on the subject of action for alleg e solicities of this com, any and ourselves, on the subject of action for allege ed, we defer offering any remarks, and must, for the present, postpone—if not chaps, eventually decline—the insertion of several latters received on the subject perhaps, eventually decline—the insertion of several latters received on the subject, to strated in our Notices to Correspondents last week, that we had received the papers, relating to the West Fowey Conneis, from Mr. Davis, and that we should take an early coportancy of heisting them through, and giving intertion to that gentlement actor, as mens a carteriod diported the matter undestinated to us, which was far the enquirement as mess a carteriod diported the matter undestinated to us, which was far the enquirement of artists class as an abstract. In the interest of publication we have received a factles commonless from that generate and fairly agree with him, that the subject, however great may be in interest to these connected with the adventure, as not such as well justify occupying agare in our Josenal. We avail correction of this means of stating, took we have the underlied of the method of the writer to subsuit the papers their good of accumula, correspondent to those colors in a substantial control of the particle of the subsuit of the papers of the subsuit and ton, for the publication of their fates of the papers of papers of the subsuit of their Papers they are publication of their Papers they are publication of their Papers the subsuit of their Papers the subsuit of their publication of the subsuit of their publication of the subsuitance in the subsuit of their Papers the subsuitance in the subsuit of their Papers the subsuitance in the subsuitance of their Papers the subscience and the subscience of their publication of their publication of the subscience o

prospects to traction of some attention of control of the Jose to
W." (Livergood). --Mr. Scalin's Archimedean Screw Propeller was fully described, with Linestrations, in the Journal of the 18th of October,

New Subscriber 1º (Lemis).—The Transactions of the Institution of Civil En-sures as a requiring published in this Journal—generally, in the week during high the meetings occurs.

salge (Callington).—We should be glid to receive the communications re to. What has occasioned the bing offence of our correspondent—Have ag operations entirely cessed in his district?

This is one of several change of the manual of the matter of the patronage of the stationers' Company. The Number for 1911 is reported with interest, and may fairly be referred to an evidence of the van improvements effected to a relationers' for the variance of the rest ingrevements effected to a relationer for 1911 is reported with interest, and may fairly be referred to an evidence of the van improvements effected desiring the past for years in works of this description, its contents are varied and eleverly written—comparising, beniefer the out to descript in the second of the sec

any presentances. The atrice is, Music, and the Kahbitions.—This work ap-to present a cureial cost one of the "desings" in the world of pleasure; and was feet an interest in the subjects to which it is devoted, must find the latth anche and amorting.

extensive premiers than those lately occupied being found necessary, the ablishment of the Mining Journal is REMOVED TO 26, FLEET-STREET gradue St. Donelan's Chores).

THE MINING JOURNAL, Blaitwap and Commercial Cajette.

LONDON, DECEMBER 2, 1843.

Parties destrons of ordering the Mining Journal, can do so, either direct to the
effice, or through any necessaries or involved to town or country. Notices of irregularity is the delivery are required to be forwarded to the office,
where every endoavoud will be made to rectify the cause of complaint.

A hurried trip to the anthracite district of South Wales, since the publication of our last, has afforded us the opportunity of acquiring information as regards the mineral products of that portion of the Principality, and witnessing increased application of the advantages possessed in the several districts of cheapness of labour, and abundance of fuel for smelting purposes. We find, for instance, in our route by way of Neath, a ship canal, or cut, in course of construction by Mr. Parce, of Neath Abbey, works also erected for the manufacture of speiter and naphtha, in addition to the copper and icon-works in that immediate neighbourhood-at the Cambrian Works another furnace is about being blown in, as also one at the Margam Works, which, if we mietake not, belong to the same company. At Yniscedwyn (Mr. Chann's) we find that the demand is beyond the make, while Trimearan finds a ready sale at 31. 5s .- both of these works manufacturing anthracite pig with hot-blast. At Ystalyfern, we are informed, their cold-blast iron is of a superior quality, and is much in demand, although the weekly make is not such as was anticipated. Several new projects are, we understand, entertained; and we may expect, ere long, to see the anthracite district vising with the bituminous range, the superiority of the iron manufactured being undoubted, and commanding, as such does, a higher price than iron produced from coking coal, either with rold or hot blast- the latter improving anthrucite iron, while it deteriorates the quality of that produced by the use of bi-

We have this week given place to the data collated from the best rees at command, of the make of iron in the several districts, so that a comparison might be made with the tables introduced in our late Numbers, showing the returns up to June 20, 1843. As these, however, may be-and, doubtless, are-imperfect, we have to recorrespondents will favour us with corrections, which shall be duly noticed. Once perfect, or a near approximation arrived at, we shall have some remarks to offer on the altered state of the iron trade, its present position, and the prospects it presents.

The melancholy subject of Accidents in Mines again present itself m; and, if the task he a painful one in recording the amful extent of loss of life, it is with the pleasing hope that we shall yet swaken a Christian feeling in the breasts of the colliery proprietor and the mine adventurer, and more repetally those of the house and the hard corned printeres of the weaking collier or minor.
Noble lands there are, preparentairizes of a rose of the final families of the southernoon of the marking collier or minor.
Noble lands there are, representatives of a rose of the final families of the southernoon of the marking collier or minor.
Noble lands there are, representatives of a rose of the final families of which England as proudly houses—weathly communicate, and the thrifty trader—which beyond the marking house of the minor, but who, with shame be at families that the finding reservance of the minor, but who, with shame be at the finding reservance of the minor, but who, with shame be at the finding reservance of the minor, but who, with shame be at the finding reservance of the minor, but who, with shame be at the finding reservance of the minor, but who, with shame be at the finding reservance of the minor, but who, with shame be at the finding reservance of the minor, but who, with shame be at the finding reservance of the minor, but who, with shame be at the finding reservance of the minor, but who, with shame be at the finding reservance of the minor, but who, with shame be at the finding reservance of the minor, but who, with shame be at the finding reservance of the minor of the reservance of the minor of the reservance of the minor of the reservance of the finding reservance of the minor of the reservance of the finding reservance of the minor of the reservance of the reservan e, or lords, who, regardiess of the west or was of those em

one which is devoted to the maimed or aged callier or miner, nor fund wherewith to support the widow and the fatherless, who may be bereaved of their natural protector by accidents in mines. The very words, "Accidents in Mines," are of such continual occurrence in our columns, that the subject forms not one of the least and most harrowing records which it becomes our duty to chronicle; and while we must necessarily inflict pain, by so frequently directing attention to the sad loss of life which occurs, we yet trust that we shall a waken human sympathy, and, in the end, effect the object we have in view-which all are ready to laud, but who, at the same time, take care to avoid any interposition in favour of the miner, by opening their purses, or contributing to his wants.

A reference to our columns of to-day, as well as of the past week, afford too fearful evidence of the truth of our oft-made assertions. that accidents are on the increase, and that there is a sad want of attention on the part of the employer and his agent. We are fully aware that there are grounds for the excuse put forward by the colliery bailiff, or overman, in cases of fire damp-of the recklessness of the collier, and, at the risk of loss of life, his exposing the flame of the safety-lamp to the deleterious vapour, for the purpose of obtaining a little additional light; but this, surely, can be remedied by attaching locks to the lamps, and inflicting heavy pensities. Another cause of accident is, the improper gear and apparatus for raising and lowering the minere—the want of security of the ropealthough it is with pleasure we find that the wire rope is now geting more into use, yet the prejudices of many of the colliers in some parts are such, that it is hard to persuade them that a wire rope is secure, without it be of the same calibre as that of hemp). We have, in another column, recorded the loss of seven lives at the Llangeanech Colliery, which we heard of by mere accident on a visit, made during the past few days to South Wales-afford ing, as such does, the most conclusive evidence that our list, from time to time, is most imperfect. Let the category of accidents to which we have referred, the gatherings of the brief space of a fort-

	Name of Mine.	Nature of Accident.	Fatal.	Inj
for,23	Brught Load Mine	Explusion to binating	. 9 41	8
200	South Hetton Cuillery	Croshed to death	10 E 11	132 1
NO.		Fail in shaft		112 10
		Full of rock		-1+ 10
40		Fall of roof		
0.5	Cyfarthia Iron-Works	Fire damp	. 1	1
	Menses, Wigan	Explosion of boiler		49
60	Victoria Pit, Newton	Explinion of fire damp		1
-		Fall in pil		
-	Winstanley Mines	Explosion of fire damp	. 5	
Nec. 2	Braherglana Colldery	Fait of bucket	. 1	
-	Cwm Bargood Colliner	Fire damp		7
	West Caradon Conside	Enreting of boiler statements		1
	Cwmcauned Pr. Cytathia.	Fire damp	. 1	. 1
-	Presumate Works	Fire damp,		10
	Printers Coal Pit	Fail in pit		10.
-	Street's Mine	Fali in shaft		
84		Full of roof		
00	Ditter	Fall in shall		
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011	Phomograph	Fall to pil		
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400	THE PERSON NAMED IN	profession or heapty, visited a st	0 00	
	Worked .		910	2-8
	• Serveral a	persons month inflared.	BA.	

It will be thus seen that the deaths reported are 25 in number, and the injuries, 18, exclusive of those which, from the number of persons employed (in one instance fifty), are not noted-of these we may assume three fourths ended their sufferings by death. Here, then, we have recorded in our columns the loss of life of one thousand individuals annually-and assuming, as we have a right to do, that not one-fifth -- nay, we might say even one-tenth -- of the accidents which occur find their way into the columns of the newspapers (of which we have one instance in the case of loss of life at the Llangennech Colliery, which we only acquired by visiting the district-no less than seven lives being sacrificed within five days), it must be manifest that the loss of life is horrible, and which we cannot but attribute to a want of systematic cure and attention on the part of proprietor and his agents. We find that among the accidents one has taken place at the works belonging to Sir Jonn Guner, Bart., M.P., and we trust we may, therefore, count on that gentleman's support, as we feel assured we may do on that of Mr. Ald COPELAND, M.P., on the subject being brought under the consiration of Parliament.

We have only, in conclusion, to state, that we are not idle in aciring evidence, to submit to the respective authorities; but indi-dual exertion is futile—and it is only by the union of interest and reduced. We should be well pleased if Lord Assetting of interest and feeding, as well as by its proper application, that any good can be effected. We should be well pleased if Lord Assetting would take up the question—and, while we give the Nobio Lord the high credit he as righly morits, for directing the attention of the Legis lature to the state of the mining population, we hope he will consider, as a valuable adjunct to his measure, that of protecting the miner, and providing for the widow and orphas.

The sixth report of the Peninsular and Oriental Steam Naviga-The eight report of the Princester and Oriental Stenen Naviga-tion Company, inserted in another column, will be read with inte-rest—while the procusedings at the meeting are of a highly satisfac-tory character, the shareholders present having expressed themselves not only gratified with the report presented, but with the gengral management of the efficie of the cooppany, if which they affirded the best evidence by voting an additional anomal allowance to the board. It is pleasing to find, as in this instance, that the services of directors, where accidialty and essention ore manifested, are duly appreciated by those who entrust their expitat to their keeping— while the good sense evinced, of paying directors, will, we trust, be followed up in other companies, where graduitous services have been performed—and, in hos many instances, we fair, at the cuest of the shareholders.

PATENT METALLIC SAND CEMENT.

At the Society of Arts, on Wednesday oversing last, Benjamin Roles, Eng., V.P., P.A.B., in the chair, a highly interesting paper, by C. E. Dyer. Eng., of the Even of Bensam, Logan, and Co., New Broad-street, on their Patent Metallic Sand Council, was read by Mr. Whishaw, the uncelling sand, stated that this cursons had now been in extensive are upwards of ten years, without the slightest failure, except in those costs where, from the ignorance of the workness, it had been improperly symbol. The cement was composed of blue his lime, mixed with the needallic sand, which was stated to be very similar to Italian passociate, the value of which in concrete, and in all rab-squenus works, was undoubted bed the expense and difficulty of procuring which had prevented its extensive use. The metallic sand contained a greater proportion of iron than passociate, on you ther material yet introduced to the public, and hence the indurating property which it passesses; and its granular form, and sharpeness of its angles, would also be similared as an additional reason for fit extractionary tensesty. As a concrete, it was mentioned that the metallic sand had hown successfully employed in the entire foundations of the see Houses of Parliament, and was used by the Metropolitan Wood Paring Campany in forming the substratum on which their blocks were laid, and who were so consisted of its efficiency, that they secured from the patentess the exclusive privilege of assign if for such a purpose; and to the unyickling nature of their foundations may be attributed, in a great degree, the successful results which have aftended the work executed by that company. As a mortar, it was admirably adapted for tumpols, severe, see and river walls, and invested arches, as heightest without the sid of any colouring or painting, and from its saties firedom from vegetation, it was the most perfect which it assumes naturally, and retains without the sid of any colouring or painting, and from its saties and evenes, had been

PATENT METALLIC SAND CEMENT

about sine years ago, and now bears the appearance of granite, both in harders and colour.

In freece pointing—a matter which was at this moment exciting so much attention for decoration in the new House of Parliament—the mentallic sand stuceo had been found highly reluable; the combination of the colours with the material imparting an almost endless derability to the work, and the face of the polating might be left in the usual manner, or hrought to the highest polish. It was well known that some of the finest frencesea in Italy have sufficient most materially and inversarily from damp, and the insufficiency of the walls apon which the colourars, or outer cost, had been laid. The process of fireace painting in Munich, adapted by the Professor Hour, had been inspected by Mr. W. B. Simpson, a decorator in London, and, in his opinion, the metaltic sand cowent was equal, if not superior, to any substance with which he had met, from its extreme density and bardness, and its effectual resistance to the entrance of any moistors. A aplendial specimen of fireace painting—a poetrait of Henry VIII.—executed to leve months ago, the ground being farumit of metallic concent, surrounded by a grotroque vignetic herder, and foliage, Ac., was exhibited, and was much admired; it will be left over the mannetspiece a about time for future inspection. The colours are so brilliant, that at a distance it has somewhat the approximence of casuel.

After the paper was read, Mr. Dyar caylained the nature of the concents, and described the various ejectowans, which were left in the society's rounce for examination. The metallic sand, formed from copper slag, consisted, it was said, petacipally of form, assemptoned by sine, areasting to the materio of the works.

and silice, and is ground and sifted to different degrees of fine near, excepting to the maintre of the work.

Some specimens of slate, pointed and trowelled up equal to conditate were builded round, and attracted considerable attention? the cost of the different variety of members would depend upon the artist, as, in all cases, the wall or slate to receive the painting is encaderably less expensive than any other description of securous. Some easts were upon the table, having the perfect appearance of claimfield stone, and an ornamental vase, which had been exposed in the atmospheric changes and influence for seven years, but its edges, inner of foliage, he., as shoop and perfect as the first day is was cast.—Much conversation ensured, and the paper and specimens gave great satisfaction to the numerous body of orembers present.

Royal Community of this society was bold, when a considerable communer of grathemen from various perts of the country attended at the Half, for the prepose of discussing various metters connected with the hustmans of the institution. For Clearles Lemms, Bart. M.P., otempied the cheir. The report of the committee having been read and appeared of, the following gentlemen were cleated view previdents in the place of the four who retire this year; — The Hight How, Lord Vivice; John Schustuer, Twaleway, Eng., M.P.; heymour Transmissers, Eng.; and J. D. Giffert, Eng. The committee were re-charact, and several new monthers added to the foot of the meaning the transmissers of the society of the foot foot for the foot of the foot of the consideration of some matters essenting year were decided again, and a consideration of some matters essenting the bactitution from the institution, and the transmers's accounts, and factorized state of the institution, were deferred to the adjourned against according, which is fixed for Monday, Doussalur II.

The Issue Thanks.— It is attend that, is the foothermological take of the foothermological state of the societies for the desired to the against deciding which is fixed for Monday, Doussalur II.

The Issue Thanks.— It is attend that, at the foothermological taking on the Kollverein Commission, at Berlin, a desireation of the impact disting of the Kollverein Commission, at Berlin, a desireation of the impact disting of the solution of the recommendation in the solution of the solution of the recommendation in the solution of the continuous o ROTAL CORRWALL POLYTROWNS SOCIETY. -- On Wednesday, the 22

ENITED HILLS MINING COMPANY—FORFEITURE OF SHARES

TO HILLA MINING COMPANY—PORFEITURE OF SHARES, yo the absence of the MINING JOERNAL.

The remarks in your landing article in reference to the case, Prenalty, Turken, whill have been very jostificable if the state of facts can exceeded in your respect of the judgment. It is there exist, "they had the optim of borterwaing their foods, either by founding additional or by making fouth rolls on the nid sheethooders." This is the conference of the fact of the state of the sta the a with him is, that the bid was identiced without cools, which, the case you becapies, would been fairned; of cores. It is sight to menine or the picturist between the true that, that, before dings, are that is, he effect in salant the matter to the decision

more diagrams are later, he effect in enhant the matter to the decision with the first term of the decision with the first term of the second
SOUTH CARADON MINE.

COURT CARADON MINE.

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secured forces, contributes to character the company which proglemes us to the user of the steel pen.—Not. 16.

PETITIONS TO PARLIAMENT ON GREAT NATIONAL ORIECTS. 25 THE SETTION OF THE MESSAG JUNEAU.

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end on the safety and standing of the college system.

SHIPWHEEK, AND THE GODWIN SANDS.

ALPRED T. J. MARTEN.

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ON THE APPLICATION OF WOOD TO THE PAVING OF STREETS.

Loudin, Nov. 20.

ON THE APPLICATION OF WOODTO THE PAVING OF STREETS.

Siz.—I perceive you have, in your excellent Journal, given notices at different times of the various improvements in the application of sood to the paving of streets, and among the latest appears that on the invention of Six John Scott Little—a specimen of which is laid done in Piccodilly, and another population that we are the excellence of the principle patented by Sir John as being durable, and very efficacions in preventing the slipping of horses feet. The durability and efficacy in preventing the slipping of horses feet. The durability and efficacy in preventing the slipping of the feet of horses, arises from the fibre of the wood being placed in a perfectly vertical position, and from being so inbudded in asphalts, as to prevent the slightest portion of outer fielding in may to the foundation. These are deciderate of forming the paving, apparently only about two and a half inches deep, are in the surface by about an lack, forms the groove—a groove of the most index surface. In every other description of wood paving, or nearly so, the herefare, there is about one inch savere, set if countries the water off to the drains, without any prostrating to the surface. In every other description of wood paving, or nearly so, the herefare, thereas the denin only, by carrying the water to the substratum, and index surface, in such desire only, by carrying the water to the substratum, and index surface, in the denin only, by carrying the water to the substratum, and index surface, in the denin only, by carrying the water to the substratum, and index surface, in the denin only, by carrying the water to the substratum, and index surface, in the denin only, by carrying the water to the substratum, and index surface, on the denin only, by carrying the water to the substratum, and index surface, in the carrier, and consequently, does not leave a single surface, which the wood to getter, and, consequently, does not leave a single surface, the laces of th

Simon Nurannes and Economy or Full.—Our attention has been firetain to the address of the Baron von Rathen, which appears in another minima, respecting his patent for grants, he.; the advantages of this invention, we are informed, are so obvious, that any intelligent and careful properts of a stream-holly, resulting the respects and furtimosable which were palyabed in the Mining Journal of the 11th ult., cannot fall inscendingly adoptable in the Mining Journal of the 11th ult., cannot fall inscendingly adoptable to the property of a stream-holly, resulting the farts contained in them beyond a doubt a sum of the property of the pro

can be used to require the man who invents a means of decrease that in invents occupationally the burning and convergenced explosions there are no provided to the provided to

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MINERAL DISTRICT OF GALENA (U.S.)

MINERAL DISTRICT OF GALEN My object was to view Galene, the emperium of he we started on the 11th oils, creating the military transfer, the control of the care to Galeny, to a carriage, where we emboded Lowis, and, after a wayage of about 43n or 400 miles, toor. We remained a couple of days, during which tin or diggings, as they are called, in the arighbourhood mostly more pits, and the one lies very man the out Scoon little distance from Galene are mines of copy country appears to be one mans of metallic worlds. The pits or sharks are considered about in all directions, rangued in one way or manther with the basiness of one the town is crowded with travellers, traders, custyrants appearantly capaged to one way or manther with the basiness of one than the town is crowded with travellers, traders, custyrants appearantly capaged to one an angoged in one may are another with the heatorax of mind the town is crowded with traveliers, traders, emigrants, apparently engaged to one object. The town or Galeons of a strep hill, sloping down to the river, and contained lands. The whose is of considerable extent, and contained lands. The whose is of considerable extent, and characteristics. The whose is of considerable extent, and characteristics are strength, taking in their engages of itself, domestics as special part of the contained lands. The whose is contained to the contained lands in the contained lands in the contained on the staffer is with St. Louis. Galeon is and streated on the classific with St. Louis. Galeon is and streated on the contained with St. Louis. Galeon is and streated on the contained with St. Louis. Galeon is an interest on the Contained of the contained on the contained of the contained on the classification of the contained
MINING IN WINCONSIN.—The Grant County Highways in treating arcount of the lead mines, or, as the Editor term Diggings, "of that county. There are more to make the more than the most of the lead mines, or, as the Editor term Diggings," of that county. There are more than more of the second of the lead of the more than the m

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CURRENT PRICES OF STOCKS AND SHARES.

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Madement by por Counts, 1974 a Line Annualism, 11 or 16 a Manie Stinie, 1875 15 arthogram Dille, he Et pon, Bolgian Stinion, 1 per Ct., 140	Openink, Astiren, 5 per Cond., 201 4 Ditter, 5 per Cond., 401 5 Chill, 5 per Cond., 101 1005 Conception, 6 per Cond., 114 8
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SALE OF COPPER ORES IN CORNWALL of the Mar. 15, and fold at Proces's Hatel, Truce, Nov. 30.

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Average standard, 1574. In .-Average produce, 62.—Average price, 54. St. 64.—
Seasoffy of ore, 3656 tons. --Grantity of fine copper, 371 tons 6 cut.—Amount of
money, 15,0174. Pz. 64.—Average standard of last sain, 1155. In.—Average prefere, 75.

COMPANIES BY WHOM THE ORES WERE PURCHASED.

CHAU F 6

SALS OF COPPER ORES AT SWAMSHA.

SALE OF BLACK TIN,

Selimon.	Tromb.	Prime.	Amount.	Propulation.
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By Massin. Sauthinessing and Sone, at the America Mark, perioday.

CARN BARA TIN AND COPPER MIRES, observe to the pariot of Disque, in the county of Consessand. Fitteen (1988b) pario or shares—1985, per share.

ARREY PARK CENTERS COMPANY, Stocks Newlegion—Strengly shares, of tid, each, pario in Sale-Sit, ton per share.

VAR DIRECTION LAND COMPANY.—Twenty charm, of 1985, each; pri, per share control and pario 50, 10s. per share.

LATEST CURRENT PRICES OF METALS

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REPORTATION OF PINE PRECIONS METALE. The following are the officer entering of the Experts of good and about from the port of London for the week see ing belonding tast.

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PRICES OF MINING SHARES.

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BAILWAY SHARE LIST AND TRAFFIC RETURNS.

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Arbrusth and Furfar Railway	13	18	4 1m.1m	29	25	este ? .
i Birmingham & Berby June.	414	491	1,164,174	100	38	1965 P P
: Hisminghoon and Girogenster	85	83	\$ 3.51 AND	100	41	1382 1
Brandling Jungtion	26		471.2 7	50	44	-
Chreter and Birkenbend	144	140	476,424	- 40	20	105 2 8
Dublin and Kingstown		4	540,204	Lane	11#	615 II 9
Chandre and Arbrusth	144	168	155,000	25	110	897 to a
. Burken and Renderland	14	16	247,749	45	164	782
Eastern Counties*	81	81	2,787,616	23		2117 11 10
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Glangow and Greenwork	224	793	290,1904	75	25	240 8 10
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London and Greenwatch	3.8	34	1,010,006	124	- 44	640 18 A
London and SouthWestern	928	979	2,540,1054	244	5000	4114 2 67
Manchester, Bollon, & Bury	10	80 1	277,007	90	14	799 1 14
Manchester & Birmingham	**	21	1,490,646	40	262	****
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THAMEN TUNNEL.

The number of passengers who passed through the Tunnel in the west rading November 5:, was 25,004, pisting a revenue of #111 ps. od.

Company.	Problem.		Prince		NAPUS.	Company	Pane.	Print
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1.		Equilibrium Borons, Boss.	50	60	PA-609 Smalls Asselsations was \$6 17
г	Mr. WE I	Don. Storage Manig	74 -	W	ALIGH THEN DIRECTOR FOREIGN 78 . 44
١	BURNEY 1	Steel, Borrow, Stat. Steel.	1988	10/4	14,601 Themes Femal \$5
	St. Irone 1	Margarett March Control	Later 1	40.0	Later Commence Commence of First Sq. 10. 68

CURRENT PRICES OF MATERIALS IN CORNWALL

Circumsteria Street, part crast,		44	Rection bends	- Gu	-
Fracti death agreem			About lead	Dis.	
Fire mysels 4400s	. 3		White present read	200	
Bred trough whose chairs	54		Rock Stead	14	
Street universal			Patters		
Witness & Below alleles	18		Creation, pay desert flat.		-
Group brown A special common or the			Georgia Wilson, page 1766 Tile.	-	-
Seed making trees			Committee Assessed, June 181.	7	-
Characterist impa	500			-	-
Decots atting	8.0		Fiel room	=	-
Modif mode altitus	200			=	-
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Wall room or appearing your	- 11		The same of the same of	100	-
Windows' affectivable	1.6	2	ENGINE MADE IN A THINK THE PARTY.		2
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Pinnerd Soulis	- 55	2	Limited oil, per galles	*	
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Miles and the Contract of the	- 12	2 1	STATE OF STREET STREET	86	
Block barrelt diffice	2	2	Street William Million on the party of the last	28	
	100		Street, with write, you from	. 8	*
the second second second second	18		Windram Indifferent	18	
Plant beets spelled stirtue	- 50	9 1	THE COURSE LAND VALUE OF	8	
Charles States	108		Marrielly, gast Front		
DI-Dis. BHOS	156	10	Plant women are now	-	
tie affine	(46)	(8)	Discrept british	A.	
Charles part time, and quality			Minute states	-	7